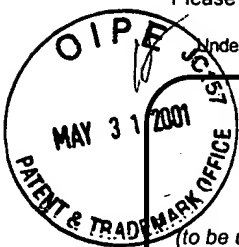


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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/745,301
Filing Date	December 22, 2000
First Named Inventor	Anand KANNAN et al.
Group Art Unit	2631 - Conf. # 6994
Examiner Name	not yet assigned
Attorney Docket Number	05245.00001

### ENCLOSURES (check all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input checked="" type="checkbox"/> Assignment Papers (for an Application)<br><input checked="" type="checkbox"/> Drawing(s) - 8 sheets<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
|--|---|--|

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Douglas W. Robinson, Reg. 32,751 - Banner & Witcoff, LTD

Signature

Date

May 31, 2001

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of

Anand KANNAN et al.

Confirmation No: 6994

Appl. No. 09/745,301

Group Art Unit: 2631

Filed: December 22, 2000

Examiner: Not yet assigned

For: METHOD AND APPARATUS FOR ERROR REDUCTION IN AN ORTHOGONAL  
MODULATION SYSTEM

SUBMISSION OF DECLARATION AND POWER OF ATTORNEY

Ass't. Commissioner of  
Patents  
Washington, D.C. 20231

Sir:

In accordance with the Notice to File Missing Parts of Non-provisional Application dated April 2, 2001 (copy attached), Applicant submits herewith the executed Declaration for the above-identified application. Acknowledgement of the receipt of the Declaration is respectfully requested.

The late fee amount of \$130.00 is to be charged to Deposit Account No. 19-0733. A duplicate of this Paper is attached.

Respectfully submitted,

Douglas W. Robinson  
Reg. No. 32,751

DWR:jlq

Banner & Witcoff, LTD  
1001 G Street, N.W.  
WASHINGTON, D.C. 20001-4597  
Phone: (202) 508-9100

Fax: (202) 508-9299

Attorney Docket: 05245.00001

Date: May 31, 2001



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Anand KANNAN et al.

Confirmation No: 6994

Appl. No. 09/745,301

Group Art Unit: 2631

Filed: December 22, 2000

Examiner: Not yet assigned

For: METHOD AND APPARATUS FOR ERROR REDUCTION IN AN ORTHOGONAL  
MODULATION SYSTEM

SUBMISSION OF FORMAL DRAWINGS

Ass't. Commissioner of  
Patents  
Washington, D.C. 20231

Att: Official Draftsman

Sir:

In compliance with the Notice to File Missing Parts of  
Application, Applicant submits herewith 08 sheets of formal drawings  
containing Figures 1-10. Please substitute these formal drawings for  
the informal drawings as originally filed. Receipt and approval of the  
formal drawings is respectfully requested.

Respectfully submitted,

Douglas W. Robinson  
Reg. No. 32,751

DWR:jlq

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Attorney Docket: 05245.00001

Date: May 31, 2001



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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/745,301	12/22/2000	Anand Kannan	05245.00001

CONFIRMATION NO. 6994

## FORMALITIES LETTER



\*OC000000005925525\*

Banner & Witcoff, Ltd.  
Ten South Wacker Drive, Suite 3000  
Chicago, IL 60606-7407

Date Mailed: 04/02/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch); a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE